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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Inspection Report
Minerals Regulatory Program
Report Date October 14, 2005

Supervisor DRH

Mine Name: Neal State
Operator Name: Ziegler Chemical

Permit number: S/047/063
Inspection Date: September 1,
2005
Time: 4:00-4:20 PM

Inspector(s): Paul Baker
Other Participants: Stan Wagner (Ziegler)
Mine Status: Inactive

Weather: Clear, 80's

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

I wanted to see this site since I had never previously been there.

Directions to Site:

I took a GPS point at the site, and a copy of the map created using this point is attached to this report. I did not record detailed directions to the site. It is in Section 32 of Township 11 South, Range 24 East. In Section 6 of Township 12 South, Range 24 East, just to the southwest of the mine site, the BLM 1:100,000 map shows a corral. This corral is a landmark along the main east-west road, and you turn north to get to the mine site.

Inspection Summary:

2. Public Safety (shafts, adits, trash, signs, highwalls)

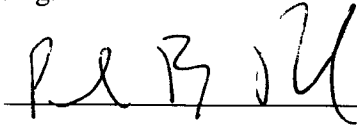
The main part of the site contains a derrick and a shaft where a concrete collar has been poured (Photo 1). Across a small drainage from this pad, the operator has excavated a portion of the Gilsonite vein (Photo 2). It looked like some of the excavated material had been placed back in the vein nearest the drainage or that it was not dug out as deeply (Photo 3). In other areas, one could look down about ten feet or more into the vein and see some of the workings. It was difficult to photograph the inside of the vein, but looking closely at Photo 4, some of the workings and what I presume to be support structures are visible.

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Conclusions and Recommendations:

I consider the excavated Gilsonite vein to be dangerous, and it needs to be backfilled or otherwise secured, such as by fencing.

Inspector's Signature



Date: October 14, 2005

PBB:jb

cc: Gordon Ziegler, Ziegler
Stan Wagner, Ziegler
Will Stokes, SITLA

Attachment: GPS & Photos

O:\M047-Uintah\S0470063-NealState\inspections\ins-09012005.doc

ATTACHMENT

Photographs

S/047/063, Neal State Mine, Ziegler Chemical

Inspection Dated: September 1, 2005; Report Dated: October 14, 2005



Photo 1.



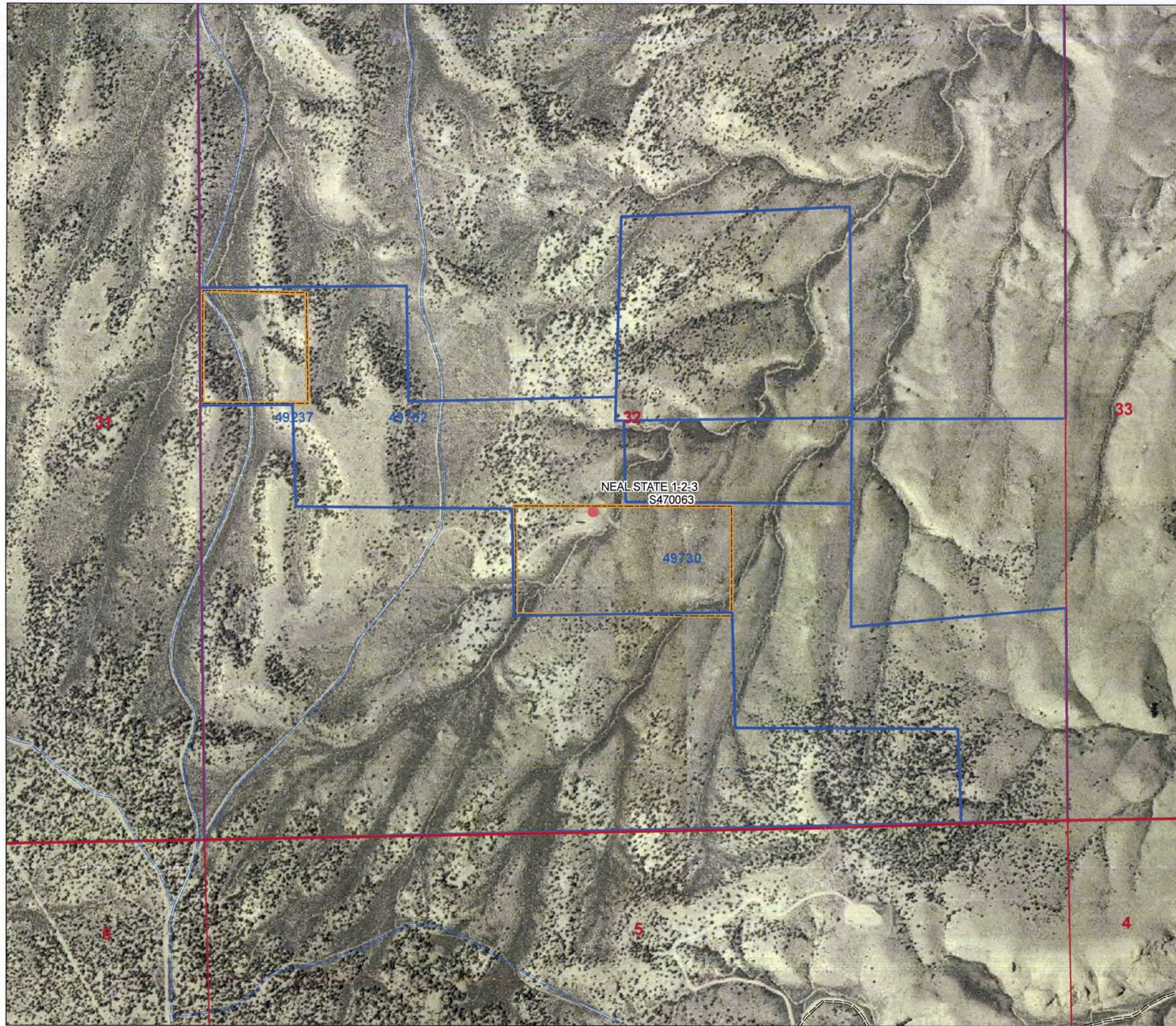
Photo 2. This shows the exposed Gilsonite vein.



Photo 3. The lower part of the exposed vein.



Photo 4. Looking closely, one can see wooden structures in the vein.



Mine Number: S470063
Mine Name: Neal State 1, 2 and 3
Township 11 S Range 24 E Section 32 SLBM

Inspection Date Sept. 01, 2005
Map Produced by DKS

Acres Disturbed	0
Acres Regraded	0
Acres Seeded	0
Road Acres Disturbed	0

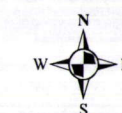
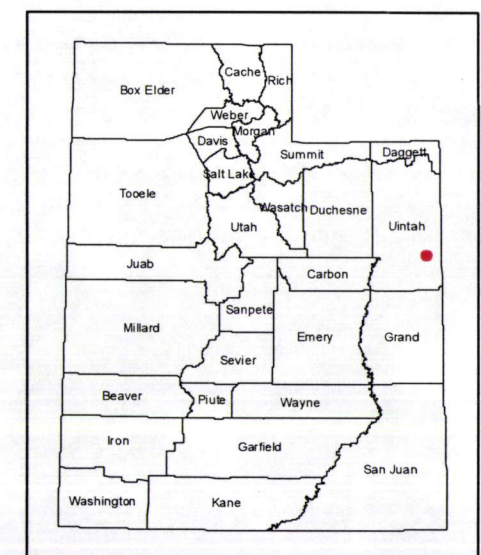
Total Acres Disturbed	0
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Acres Reclaimed	0
Acres Excluded	0
Acres Prelaw	0

Legend
All items symbolized in legend may not be appear on map

- | | |
|-----------------|---|
| County Boundary | Township or range Line |
| Access | Township or range line: location doubtful |
| Mine | Section line |
| NonMine | Section line: location doubtful |
| Other | Disturbed |
| Interstate | Regraded |
| US Route | Seeded |
| State Route | Reclaimed |
| Primary Route | Excluded |
| Secondary Route | Prelaw |
| Main Dirt Road | Mine Permit |
| Unimproved Road | |
| Interchange | |
| Trail | |

DOQ imagery date 2004



0 625
Feet

1:7,500 1 inch equals 625 feet
Verify Scale

Dept. of Natural Resources
Division of Oil, Gas, and Mining
Mineral Mines Program

Different data sources and input scales
may cause misalignment of data layers.
This product may not meet DGM
standards for accuracy and content.